

# **NOTIFICATION OF ADDENDUM**

## **ADDENDUM NO. 1**

**DATED 2/22/2007**

<b>Control</b>	<b>0387-01-012</b>
<b>Project</b>	<b>C 387-1-12</b>
<b>Highway</b>	<b>FM 75</b>
<b>County</b>	<b>COLLIN</b>

Ladies/Gentlemen:

Attached please find an addendum on the above captioned project. Included in the attachment is an addendum notification which details the changes and the respective proposal pages which were added and/or changed.

Except for new bid insert pages, it is unnecessary to return any of the pages attached.

Bid insert pages must be returned with the bid proposal submitted to the Department, unless your firm is submitting a bid using a computer print out. The computer print out must be changed to reflect the new bid item information.

Contractors and material suppliers, etc. who have previously been furnished informational proposals are not being furnished a copy of the addendum. If you have a subcontractor on the above project, please advise them of this addendum. Acknowledgment of this addendum is not requested if your company has been issued a proposal stamped "This Proposal Issued for Informational Purposes."

You are required to acknowledge receipt of this addendum on the Addendum Acknowledgement form contained in your bid proposal by placing a mark in the box next to the respective addendum.

Failure to Acknowledge receipt of this addendum in your bid proposal will result in your bid not being read.

SUBJECT: PLANS AND PROPOSAL ADDENDUMS

PROJECT: C 387-1-12

CONTROL: 0387-01-012

COUNTY: COLLIN

LETTING: 03/08/2007

REFERENCE NO: 0221

**PROPOSAL ADDENDUMS**

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— PROPOSAL COVER

— BID INSERTS (SH. NO.:

X GENERAL NOTES (SH. NO.: F

— SPEC LIST (SH. NO.:

— SPECIAL PROVISIONS:

ADDED:

DELETED:

— SPECIAL SPECIFICATIONS:

ADDED:

DELETED:

X OTHER: PLAN SHEET 5B

DESCRIPTION OF ABOVE CHANGES

(INCLUDING PLANS SHEET CHANGES)

GENERAL NOTES: SHEET F: ADDED NOTE FOR ITEM 340

PLAN SHEETS: REPLACED PLAN SHEET 5B TO REFLECT THE ABOVE CHANGES

## **SW3P RESPONSIBILITIES**

### **TxDOT Area of Responsibility**

Responsible for the area defined by the limits of the subject project, except for those areas utilized and operated by the contractor. These areas include, though not limited to, areas used for field offices, equipment and/or material storage, and concrete or asphalt plants.

### **TxDOT Operational Responsibility**

Responsible for seeking coverage under the TPDES Construction General Permit (CGP) and operating the project within the requirements of the CGP for discharging storm water from the subject project and to notify MS4 permit holders of the intent to discharge storm water.

File a Notice of Termination with TCEQ upon completion of the project when the exposed areas have been stabilized with a vegetative cover of at least 70%.

### **Contractor Area of Responsibility**

Responsible for all areas under their direct operational control which includes, though not limited to, areas used for field offices, equipment and/or material storage, and concrete or asphalt plants. These areas may be located on or off the subject project's R.O.W.

### **Contractor Operational Responsibility**

Responsible for seeking coverage under the TPDES Construction General Permit (CGP) and adhering to all requirements of the permit for discharging storm water from the areas under their operational control. Perform regular inspections, prepare a written report of deficiencies, and repair deficiencies within the time frame set forth by the permit. File a Notice of Termination with TCEQ upon completion of the project when the exposed areas have been stabilized with a vegetative cover of at least 70%.

Responsible under contractual obligations to TxDOT to install, clean, repair, replace or remove sediment and erosion control devices as indicated on TxDOT's Inspection Reports, or as required by daily construction practices, within the time frame set forth by the permit.

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**Specification Data**

Table 1: Soil Constants Requirements				
Item	Description	Plasticity Index		Note
		Max	Min	
132	Embk(DC)(Type C)	40	8	1

Note 1: Material excavated from the project must meet the PI requirements when used in the top 10 feet of embankment that supports the pavement structure or other locations shown in the plans.

Table 2: Basis of Estimate for Permanent Construction						
Item	Description	Thickness	Rate		Quantity	
162	Block Sod	N/A	N/A		3953	sy
166 *	Fertilizer (16-20-0)	N/A	400	lbs/acre	0.163	ton
168	Vegetative Watering	N/A	240	Mgal/acre	196.0	Mgal
204	Sprinkling (Dust Control)	N/A	1.0	Mgal/Sta	18.5	Mgal
247	Flexible Base	28"	1.485	ton/cy	5169	ton
340	Hot Mix Asphalt (Ty B)	4"	110	lbs/sy/in	1406	ton
* For contractor's information only						
Note: (1) Base material weight based on 110 lbs/cf (dry- compacted) (2) Asphalt weight based on 110 lbs/sy/inch						

**General:**

The construction, operation and maintenance of the proposed project will be consistent with the state implementation plan as prepared by the Texas Commission on Environmental Quality.

The disturbed area for this project, as shown on the plans is 0.95 acres. However, **the Total Disturbed Area** (TDA) will establish the required authorization for storm water discharges. The TDA of this project will be determined by the sum of the disturbed area in all project locations in the contract, and all disturbed area on all Project-Specific Locations (PSL) located in the project limits and/or within 1 mile of the project limits. The department will obtain an authorization to discharge storm water from the Texas Commission on Environmental Quality (TCEQ) for the construction site as shown on the plans, according to the TDA of the project. The contractor will obtain any required authorization from the TCEQ for the discharge of storm water from any PSL for

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construction support activities on or off of the project row according to the TDA of the project. When the TDA for the project exceeds 1 acre, provide a copy of the appropriate application of permit (NOI, or Construction Site Notice) to the engineer, for any PSL located in the project limits or within 1 mile of the project limits. Follow the directives and adhere to all requirements set forth in the TCEQ, Texas Pollution Discharge Elimination System, Construction General Permit (TPDES, CGP).

Prior to contract letting, bidders may obtain a free computer diskette or electronic files (from the engineer's office) that contains the earthwork information. If copies of the actual cross-sections, in addition to or instead of the diskette, are requested, they will be available at the engineers office for borrowing by copying companies for the purpose of making copies for the bidder at the bidders expense. This data is for non-construction purposes only and it is the responsibility of the prospective bidder to validate the enclosed data with appropriate plans, specifications and estimate for the project(s).

Leave all right of way areas undisturbed until actual construction is to be performed in said areas.

Use established industry and utility safety practices to erect poles, luminaries, signs or structures near any overhead or underground utility. Consult with the appropriate utility company prior to beginning such work.

Underground utilities owned by the Texas Department of Transportation may be present within the Right-Of-Way on this project. For signal, illumination, surveillance, and communication & control, call 1-800-DIG-TESS (1-800-344-8377), TxDOT Traffic Signal Office (214-320-6682), and TxDOT Freeway Management Office (214-320-4439) for locates a minimum of 48 hours in advance of excavation. For irrigation systems, call TxDOT Maintenance Landscape Office (214-320-6205) for locates a minimum of 48 hours in advance of excavation. If city or town owned irrigation facilities are present, call the appropriate department of the local city or town a minimum of 48 hours in advance of excavation.

For the project to be deemed complete, permanently stabilize all unpaved disturbed areas of the project with a vegetative cover at a minimum of 70% density for the control of erosion.

Repair or replace any structures and utilities that might have been damaged by negligence or a failure to have utility locates performed.

Perform all electrical work in accordance with the National Electrical Code and Texas Department of Transportation Specifications.

Consult with appropriate electric company representatives according to their respective area to coordinate electrical services installations.

Submit pre-letting questions by e-mail or fax as follows:  
e-mail: jbrodig@dot.state.tx.us and gkhanka@dot.state.tx.us  
fax: (972) 542-5820.

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The answers will be submitted in the same format that they are received. A file containing these questions and answers will be available for review at the area engineer's office located at 2205 S. SH 5, McKinney, Texas.

Material On Hand (MOH) will not be used in calculating partial payments for Mobilization.

Provide the Engineer with a copy of all DBE subcontractor agreements prior to commencing work.

The following standard detail sheets have been modified:

SMD(SLIP-1)-02(DAL) - District Standard for small sign assemblies.

**Item 8:**

This Project will be a Five-Day Workweek in accordance with Article 8.3.A.1.

**Item 100:**

Remove and relocate the existing roadway signs as directed during construction within the right of way. Replace any sign that might have been damaged by negligence at the contractors' expense.

The limits of preparing right of way will be measured from Sta. 4+13.73 to Sta. 22+65.33 along the centerline of construction.

**Item 104:**

Sawing of concrete is not paid for directly, but is considered subsidiary to this item.

**Items 104 and 496:**

Removal of all concrete and structures of the types specified in the plans will be paid for under the pertinent bid item. The removal of other types of obstructions encountered will be paid for under Item 100, if applicable.

**Items 105:**

Saw existing asphalt along neat lines where portions are to be left in place temporarily or permanently. Sawing is not paid for directly, but is subsidiary to this item.

Properly dispose of unsalvageable material at your own expense.

**Items 110 and 132:**

Scarify and loosen the excavated areas, unpaved surface areas, except rock, to a depth of at least 8 inch and compact in accordance with the specifications.

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Use an approved laboratory to perform tests for sulfate and plasticity index and provide results on sources outside the right of way at no additional expense to the department. Test soil for sulfate levels in accordance with Tex-145-E. Contact the engineer for a list of approved laboratories. Notify the engineer 72 hours before sampling and testing material. Perform split-sample verification testing with the engineer when directed. The engineer will sample and test material produced by the construction project for specification requirements or material sources specified in the plans.

When lime treatment is allowed to reduce Plasticity Index, apply lime slurry in accordance with Item 260, "Lime Treatment (Road-Mixed)." Furnish material containing sulfate at or below the threshold of 5000 parts per million (ppm). For material with sulfate levels greater than 3000 ppm, allow the mixture to mellow for at least 3 days, or as directed. The engineer will test material placed or excavated to a depth of one foot below and laterally to one foot outside the proposed treatment limit. Notify the engineer 48 hours before lime treatment of the material.

**Item 132:**

Earth embankment Type C, is mainly composed of material other than shale. Furnish material that is free from vegetation or other objectionable material and that conforms to the requirements of Table 1 (Sheet B). If necessary, add lime slurry in accordance with Item 260, "Lime Treatment (Road-Mixed)" in order to meet these requirements. Use Tex-121-E, figure I, page 5 to calculate the amount of lime required. Furnish material containing sulfate at or below the threshold of 5000 parts per million (ppm). For material with sulfate levels greater than 3000 ppm, allow the mixture to mellow for at least 3 days, or as directed. Test soil for sulfate levels in accordance with Tex-145-E. Use an approved laboratory to perform tests for sulfate and plasticity index and provide results on sources outside the right of way to the department. Contact the engineer for a list of approved laboratories. Notify the engineer 48 hours before sampling and testing material. Perform split-sample verification testing with the engineer when directed. The engineer will sample and test material produced by the construction project for specification requirements or material sources specified in the plans. The engineer will test material placed or excavated to a depth of one foot below and laterally to one foot outside the proposed treatment limit. Lime treatment and testing of this material will not be paid for directly, but will be considered subsidiary to this item.

The top 4 inches of embankment shall be fertile soil, be easily cultivated, free from objectionable material, have relatively high erosion resistance, and be readily able to support the growth of planting, seeding, or sodding.

**Item 162:**

Use only Bermudagrass sod for block sodding.

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**Item 247:**

Provide Type D, Grade 4 Flexible Base that meets the following requirements:

<b>Table 3: Percent Retained on Sieve</b>				
<b>1-3/4"</b>	<b>7/8"</b>	<b>3/8"</b>	<b>No. 4</b>	<b>No. 40</b>
0	10-35	30-50	45-65	70-85

Liquid Limit, % max:	40
Linear bar shrinkage, % max:	6.0
Wet ball mill, % max:	40
Wet ball mill, % max increase passing the no. 40 sieve:	20
Clay balls, % max:	1.0

**Item 340:**

Provide the engineer the opportunity to witness all mixture design tests. The engineer may require a retest if not given the opportunity to witness.

Dilution of tack is not allowed.

Provide PG64-22 binder in Type B mixture.

For mixes with PG 64-22 binder, the minimum number of passes in test Tex-242-F is decreased to 5000. The use of RAP is permitted to meet this requirement.

**Item 360:**

Provide chairs for multiple piece tiebars, threaded connectors or other adequate devices, used in concrete paving, or tie them to the pavement reinforcing steel. In lieu of multiple piece tiebars, drill holes into the pavement and grout straight tiebars in place with epoxy. Use a non-impact, rotary core drill to prevent damage to the pavement unless otherwise directed. Clean the drill holes and then completely fill with epoxy before inserting the tiebar. Do not bend the tiebars or insert them into plastic concrete without the approval of the engineer.

Provide curbs monolithically constructed with the concrete pavement. If continuous monolithic curb has to be temporarily omitted for any reason, provide dowelled curbs in the proposed areas, as detailed in the plans, and apply an approved epoxy resin to the pavement to receive the curb as directed. This work and materials will not be paid for directly, but is considered subsidiary to this item.

Stockpile the concrete aggregates at the plant site.

Provide pavement widening joints, as detailed in the plans, at all locations where concrete pavement is placed adjacent to existing concrete pavement. Installation of these joints is not paid for directly, but is considered subsidiary to this item.



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Provide a curing machine equipped with rubber tires, or other acceptable arrangement, so that the machine will span the pavement and monolithic curb.

Curb transition is paid for as Type II curb.

The installation of curb openings is not paid for directly, but is considered subsidiary to this item.

Place construction, sawed and contraction joints in accordance with the pavement detail sheet and as directed. Joint locations, other than as shown on the plans, are subject to approval. Pavement leaveouts are required on this project as necessary to provide for traffic at driveways and side streets as shown in the plans or as directed. The cost of providing these leaveouts, including the construction of a suitable crossover connection at each site, is not paid for directly but is considered subsidiary to this item.

Provide tiebars in longitudinal joints but do not place them within 15 inches of transverse joints.

Use "mechanical steel placing equipment" at the discretion of the engineer.

**Item 400:**

Structural Excavation is not paid for directly but is considered subsidiary to pertinent Items.

When placing concrete storm drain pipe on slopes of greater than or equal to 10 percent, provide cement stabilized backfill to a depth shown on the plans. The aggregate shall conform to the requirements of Article 421.2.E.2.

**Item 421:**

Furnish mix designs to the Engineer in a format compatible to the latest version of the Department's Construction Management System (SiteManager). Mix Design templates will be provided by the Engineer.

Provide type II cement in Class "C" and "S" Concrete.

Provide compression testing equipment capable of testing both 4" X 8" and 6" X 12" beams.

**Item 464:**

The concrete collars and the connections of pipes to existing or proposed concrete boxes or pipe will not be paid for directly but will be considered subsidiary to the various bid items.

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**Item 471:**

Tackweld all inlet grates and manhole covers to the frame with two 1-inch welds. Supply un-painted cast iron inlet grate and frame and/or cast iron manhole frame and cover.

**Item 496:**

Inlet grates and manhole covers become the property of the contractor for disposal.

**Item 502:**

Provide written proposed lane closure information by 1:00 pm on the business day prior to the proposed closures. Do not close lanes when this requirement is not met.

Erect a Type III barricade immediately in front of or at each end of all stockpiles that are less than 30 feet from the edge of any traveled lane. Place one Type 2 Object Marker (OM-2Y) alongside the stockpile for every 100 feet of stockpile length.

Place barricades and signs in locations that do not obstruct the sight distance of drivers entering the highway from driveways or side streets.

Do not commence work on the road before sunrise. Do not operate or park any equipment/machinery closer than 30 feet from the traveled roadway after sunset unless authorized by the engineer.

When moving unlicensed equipment on or across any pavement or public highways, protect the pavement from all damage using an acceptable method.

Maintenance of Traffic Control Devices is of the utmost importance. Make routine corrections as soon as possible. The following schedule of reduced payment will apply for noncompliance on routine corrections which take longer than 48 hours (2 Days) to correct. If a correction is deemed critical by the Engineer, immediate action is required.

- A. Between 48 and 72 hrs (3 calendar days) = Loss of 10% of monthly payment.
- B. Between 72 and 96 hrs (4 calendar days) = Loss of 20% of monthly payment.
- C. Between 96 and 120 hrs (5 calendar days) = Loss of 30% of monthly payment.
- D. Between 120 and 144 hrs (6 calendar days) = Loss of 40% of monthly payment.
- E. After 144 hrs (6 calendar days) = Loss of ½ of monthly payment.
- F. After 7 calendar days = Loss of one month's payment and all work will cease, time charges will continue until traffic control is brought into compliance and is documented on Form 599 after TxDOT review.

This in no way releases the contractor of liability for noncompliance.

**Item 504:**

Furnish one Field Office (Type C) for this project.

Provide one telephone extension in each room of the Field Office. Provide one additional line for a fax machine. The cost of the added phone line and extensions will

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be the contractor's responsibility. Submit requests for payment along with copies of the phone bill and long distance charges to TxDOT for payment by force account.

Provide one paper copier capable of reproducing 11" X 17" sheets, one fax machine, one desktop computer, one printer, and internet access for this project.

**Item 506:**

SW3P Maintenance Reports are made every 7 calendar days. Make corrections as soon as possible before the next anticipated rain event or within 7 calendar days after being able to enter the site to work for each BMP. A BMP site being "Too Wet to Work" is the only acceptable reason for not accomplishing the corrections with the 7 calendar day time limit and should be thoroughly documented on Form 2118. If maintenance corrections are not made within this time frame then all work will cease, time charges will continue until SW3P is brought into compliance and is documented on Form 2118 after TxDOT review. This in no way releases the contractor of liability for noncompliance.

Obtain from the Engineer a copy of the project's TPDES Storm Water Program and Notice of Intent or Construction Site Notice. Laminate the sheets and bond with adhesive to 36"x48" plywood sign blanks. Ensure the sheets remain dry. Apply Type C Blue reflective sheeting as the background and add the text "SW3P" in 5" black lettering, centered at the top. Attach the signs to approved temporary mounts and locate at each of the project limits or as directed by the Engineer. SW3P Signs, maintenance, and repostings will be subsidiary to Item 502.

**Item 529:**

Provide grooved joints at 10' intervals and ¾ inch expansion joint material for doweled curb at the same locations as on the existing pavement.

Saw joints at the same location as on the existing pavement.

**Item 5010:**

Provide 2 transportable cellular telephones. Assign each phone to a specific TxDOT employee associated with this project. Provide components such as batteries, cases and cords as needed. Cost of long distance calls not related to the work, or lost or damaged phones will be reimbursed by the individual employee to whom the phone is assigned.

Provide cellular phones with a range of at least 100 miles and with a minimum of 500 minutes of service in the base calling plan. These phones must have a phone number that can be dialed as a local call from the Collin County Area Office.

Should the monthly invoice for any individual telephone exceed the base rate, the Contractor will be reimbursed by the employee to whom that telephone is assigned. Receipt of that payment will be returned to the Engineer.